

Page 1 of 1

All amounts are calculated in domestic currency.

Grouped by Vendor ID



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO29581
Purchase Order Date 8/25/2015
PO Print Date 8/25/2015

Page Number 1 of 2

Order From :

VC-COP001

Ship To : DART AEROSPACE LTD

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CANADA

FAXED

Contact Name
Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

VENDORS TRUCK

FOB

FCA - (Free Carrier)

Currency

Terms

Customer Tax #

Customer POID

Buyer

Reg Qty/
Unit of
Measure

CD

Reg Date/
Taxable

Promise Date

Line
Reference
Vendor Part Number
Line Comments
Delivery Comments

Description/
Mfg ID

PO Unit Price

Extended
Price

1 M6061T6R0.625

6061-T6 Round Bar .625"

8/28/2015
Yes

12.00

\$2.92

\$35.00

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

2 M303R0.750

303 Round Bar 0.750

8/28/2015
Yes

120.00

\$3.55

\$426.00

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

8/28/2015
13/9/28
54

Line Total:

\$426.00

Note:

8/25/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER
Purchase Order ID PO29581
Purchase Order Date 8/25/2015
PO Print Date 8/25/2015

Page Number 2 of 2

Order From :

VC-COP001

Ship To : DART AEROSPACE LTD

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"
TORONTO, ON M5W 5V8
CANADA

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

FOB

FCA - (Free Carrier)

Currency

CAD

Terms

Net 30

Customer Tax #

10127-2607

Customer POID

Chantal Lavoie

Buyer

3 M303R0.625

303 Round Bar 0.625"

8/28/2015

Yes

12.00

f

\$3.24

\$38.88

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

4 71401-45

PROCUREMENT
QUALITY CLAUSES

8/28/2015

No

1.00

\$0.00

\$0.00

MATERIAL: 6061-T6/T651/T6510/T62 ALUMINUM

BAR

AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS

4117/4128/4115/4116

OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR

ASTM B211 OR

ASTM B221

Line Total:

\$0.00

PO Total:

\$499.88

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 8/25/2015

Page: 1 ...continued

No: PEC ST-838811

Q U O T A T I O N

Quoted By:

THYSSENKRUPP MATERIALS NA

2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 905-738-9033

Quoted To: (20115)

DART AEROSPACE

Quoted Ship To: (1)

DART AEROSPACE

QT No: PEC ST-838811

Q U O T A T I O N
*FOR OUR FULL SALES TERMS AND CONDITIONS, PLEASE
*VISIT OUR WEBSITE: www.copperandbrass.com

Order Totals: 3 Items 197 LBS
Material 500.00 Processing Freight Other Taxes ORDER AMT

Taxes: ONHSTS 68.25 0.00 0.00 0.00

0.00

Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-839203 - 1 Your PO # 29581
ALUMINUM ROUND BAR 6061-T6511
.625" DIA X 144.0000"
Heat Number 40958-100
Tag No 447737
Quantity 12 FT
PCS 1
Wt LBS 4

MTR

2) Our Order PEC-839203 - 2 Your PO # 29581
STAINLESS STEEL ROUND BAR 303 STAINLESS
.750" DIA X 144.0000"
Heat Number V9E0
Tag No 447738
Quantity 120 FT
PCS 10
Wt LBS 182

MTR

3) Our Order PEC-839203 - 3 Your PO # 29581
STAINLESS STEEL ROUND BAR 303 STAINLESS
.625" DIA X 144.0000"
Heat Number AB-2342
Tag No 447739
Quantity 12 FT
PCS 1
Wt LBS 12

MTR

TOTAL: 3 Tags 12 PCS 198 LBS

Heat Number 40958-100
AB-2342
V9E0

*** Chemical Analysis ***

15/18/28
50

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR

Page: 1 ... Continued

Handwritten signature

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE RAPPORTÉES IMMÉDIATEMENT.
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY.
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

DATE

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY.
RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

Page: 2 Last

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* ** 9:00 AM TO 4:00 PM ***
*** TEL. 800-926-2600 ***

* WE STOCK STAINLESS STEEL
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***
THYSSENKRUPP MATERIALS NA WILL CONDUCT THEIR
INVENTORY, SEPT. 24 & 25/2015. THERE WILL BE NO
CUSTOMER PICKUPS THOSE DAYS. HOWEVER, THE SALES
OFFICE WILL REMAIN OPEN.

TOTAL 1 BDL GW. 204 LBS

TO SHIPPING.
ATTN: CHANTAL/LINDA
** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

B I L L O F L A D I N G

Ship Date 26Aug15 at 10:34 From PFW
No: PEC 950985
Ship Date 26Aug15 at 10:34 From PFW
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0 - 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033
Ship To: (1)
DART AEROSPACE

PO/REL 95581
We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certified Test Report
<http://Online.KaiserAluminum.com>

KAISER
ALUMINUM
FABRICATED PRODUCTS

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER		PEC-26733-1-1		R87/STK		PRODUCT DESCRIPTION: 625 +/- .004 ROD	
KAISER ORDER NUMBER: LINC ITEM:		SHIP DATE:		Kaiser Lot Number:		ALLOY:	
687615		001		06/02/2015		40958-100	
WEIGHT SHIPPED:		QUANTITY:		B/L NUMBER:		DIA/DIA/T/H/K/S:	
0.000 LB		0.000 PCS		612125		6061	
SHIP TO:		SOLD TO:					
THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5G6 CANADA		THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5G6 CANADA					

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
40958-100	0001	1	48.1	42.4	15.0	RE	97	N/A
40958-100	0001	2	48.1	42.4	15.0	RE	91	N/A
40958-100	0001	3	47.3	41.6	16.0	RE	93	N/A
40958-100	0001	4	45.7	39.0	18.0	RE	91	N/A
40958-100	0001	5	45.7	39.8	17.0	RE	91	N/A
40958-100	0001	6	46.2	39.5	17.0	RE	91	N/A
40958-100	0001	7	45.6	39.1	15.0	RE	91	N/A

Chemical Composition (wt%), Aluminum Remainder

40958-100	0001	Si	0.001	Fe	0.001	Cu	0.001	Mn	0.001	Mg	0.001	Zn	0.001	Pb	0.001	Bi	0.001	Zr	0.001	Ea	0.001	Tot
40958-100	0001	Si	0.001	Fe	0.001	Cu	0.001	Mn	0.001	Mg	0.001	Zn	0.001	Pb	0.001	Bi	0.001	Zr	0.001	Ea	0.001	Tot

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Zn	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	0.00	0.00	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	0.00	0.00	0.00

Applicable Requirements:


ASTM-B221-14 NON-STENCILED ASME-SB221.1998 SECT II AMS-QQ-A-200/8 97 (REAF 2012) UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA (SHERMAN, TX) MELTED IN USA
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

DART AEROSPACE
ALUMINUM ROUND BAR 6061-T6511
PART NO. .625" DIA X 144.0000"

PO/REL 29581
We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by: 



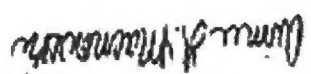
CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgment form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Almee I. Macnowski, Quality & Technology Manager



PO/Rel 29581

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:



740 Imperial Road North

METALLURGICAL TEST REPORT

North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

Certificate: 80687 7 Mail To:

THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Ship To:

THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 7/28/2015 Page: 1

Steel: 303

Finish: CD

Corrosion:

Your Order: PEC268105

NAS Order: PN 0054556 04

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
ASTM A582/13 EN 10204 3.1, ASTM A484/11
AMS 5640U TYPE 1, QQS-764B CONDITION A
SOLUTION ANNEAL TEMP 1900F MIN

REMARKS:

COMPLIES W/REQUIREMENTS OF DEAR 252.225-7009 EU DIRECTIVE
2011/65/EU. ROHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

DAS
14
9-89

15/08/31

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BH3396 2		7500		1.104	144.00	7	1	

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
Chemical Analysis per ASTM A751/08

HEAT	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
V980	US	.0422	.2075	17.0435	.3085	1.8195	.3065	.0458	8.2410	.0285
S %										

MECHANICAL PROPERTIES

Product Id	Ad	HB	2YS	UTS	RA	Elong
BH3396 2	RL	197.0	85.05	111.10	51.00	42.60

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

ASBraw

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
STAINLESS STEEL ROUND BAR 303 STAINLESS
(750" DIA X 144.0000")
PART NO.

PO Ref 29581

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

26Aug15
Pg 2/4
BL PEC-950985-002

Signed by:



740 Imperial Road North

METALLURGICAL TEST REPORT

North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

Certificate: 80687 8 Mail To:

THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Ship To:

THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 7/28/2015 Page: 1

Steel: 303

Finish: CD

Corrosion:

NAS Order: PN 0054556 04

Your Order: PEC268105

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
ASTM A582/12 EN 10204 3.1, ASTM A484/11
AMS 5640U TYPE 1, QCS-764B CONDITION A
SOLUTION ANNEAL TEMP 1900F MIN

REMARKS:

COMPLIES W/REQUIREMENTS OF DFAR 252.225-7009 EU DIRECTIVE
2011/65/EU-ROHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MPG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

DAS
14
9-89

150831

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BH3396 5		.7500		1.104		144.00	8	1

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
Chemical Analysis per ASTM A751/08

HEAT	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
V9E0	US	.0422	.2075	17.0435	.3085	1.8195	.3065	.0458	8.2410	.0285
S %										

MECHANICAL PROPERTIES

Product Id	Id	HB	.2YS	UTS	RA	Fing
BH3396 5	RL	197.0	85.05	111.10	51.00	42.60

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

ASBrow

PO/Rel 29 581

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:



740 Imperial Road North

METALLURGICAL TEST REPORT

North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

Mail To:

Certificate: 80687 9
Customer: 007206 001
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Ship To:

THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 7/28/2015 Page: 1

Steel: 303

Finish: CD

Corrosion:

NAS Order: PN 0054556 04

Your Order: PEC268105

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
ASTM A582/12 EN 10204 3.1, ASTM A484/11
AMS 5640U-TYPE I, QQS-764B CONDITION A
SOLUTION ANNEAL TEMP 1900F MIN

REMARKS:

COMPLIES W/REQUIREMENTS OF DPAR 252.225-7009 EU DIRECTIVE
2011/65/EU. ROHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

DAS

14

9-89

1508631

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BH3396 6		.7500		1.104	144.00	9	1	

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)
Lab Accreditation Bureau, ISO/IEC 17025, Certificate# 12323
Chemical Analysis per ASTM A751/08

HEAT	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
V9E0	US	.0422	.2075	17.0435	.3085	1.8195	.3065	.0458	8.2410	.0285
S %										
.3515										

MECHANICAL PROPERTIES

Product Id	l d o i c r	HB	.2YS KSI	UTS KSI	RA %	Elong % 4D
BH3396 6	RL	197.0	85.05	111.10	51.00	42.60

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy
of the test methods used, the material meets the specifications stated. These results relate only to the items
tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

ASB

Signed by: 

PO/Rel 29581

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.



740 Imperial Road North

Mail To:
Certificate: 80687 10 THYSSENKRUPP MATERIALS
Customer: 007206 001 2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

METALLURGICAL TEST REPORT

North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

Ship To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6
Date: 7/28/2015 Page: 1
Steel: 303
Finish: CD

Corrosion:

NAS Order: PN 0054556 04

YOUR ORDER: PEC268105

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
ASTM A582/13 EN 10204 3.1, ASTM A484/11
AMS 5640U TYPE 1, QQS-764B CONDITION A
SOLUTION ANNEAL TEMP 1900F MIN

REMARKS:

COMPLIES W/REQUIREMENTS OF DPAF 252.225-7009 EU DIRECTIVE
2011/65/EU. ROHS. EAP+AOD+CC. NO WELD REPAIR. MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

DAS
14
9-89

150831

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BH3396 9		.7500		814	144.00	10	1	

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
Chemical Analysis per ASTM A751/08

HEAT	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
V920	US	.0422	.2075	17.0435	.3085	1.8195	.3065	.0458	8.2410	.0285
S %										
.3515										

MECHANICAL PROPERTIES

Product Id	l o c	d i c	HB No.	.2YS KSI	UTS KSI	RA %	Elong % 4D
BH3396 9	R L		205.0	86.66	107.80	35.18	20.62

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.



APP. TEST BHAVE - 7/28/2015

Certificate of Mill Test Results

26 Aug 15
Pg 1/1

BL PEC-950985-003

Signed by: *h*

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

THYSSENKRUPP MATERIALS NA

PO/Rd 29581

STAINLESS STEEL ROUND BAR 303 STAINLESS

PART NO. 635 DIA X 144.0000



INSPECTION CERTIFICATE

Customer Order No.	PEC-950985	Invoice No.	1516110009	Certificate No.	1516-0000565
Customer	THYSSENKRUPP MATERIALS NA 2821 Langstaff Rd Concord, Ontario L4K 5C6 Canada	Trade Mark	ASS1	Inspector's Mark	ASS1

Material Details	Shape	Round	Size	0.0250 inch	Length of Bar	12-14 ft	Marking Process	ET/ETCHINGS
Heat No.	AS 2342	Turnings	A-84 (CF)		Number of Bars	50		
Net Weight	630.43 LBS							
Quote No's	AG-9460							
Requirements	AMS 6640U-2007	ASTM A 562/2012	DAS	14	9-89	15/08/31		

Chemical Analysis %									
C	Si	Mn	P	S	Cr	Mo	Ni	Cu	
0.130	0.150	1.740	0.010	0.010	17.450	0.230	8.150	0.430	
0.036	0.490	1.960	0.030	0.280	17.450	0.230	8.150	0.430	

Mechanical Properties									
YS/UTS (ksi)	UTS (N/mm ²)	% Elongation	% Reduction Area	Hardness (H-N)	Temp. Deg	Temp. Deg	Temp. Deg	Temp. Deg	Temp. Deg
75.0	515.0	10.0	10.0	140	140	256	222.000	222.000	222.000
75.0	515.0	10.0	10.0	140	140	256	222.000	222.000	222.000

Heat Treatment: Solution annealed @ 1030°C, soaking for 1hr/20mm & water quenching

Remarks:

- * Country Of Origin Of Goods - India
- * Heat Treatment - Solution Annealed
- * Non-destructive Examination - X-ray based portable Spectrometer
- * Surface Finish - 12.50 mm
- * Surface & Dimensions Inspection - OK
- * Acceptance Criteria for UTS - 75.0 ksi
- * Material Identification - OK
- * Heat Treatment - Solution Annealed
- * Heat Treatment - Solution Annealed

ASS1

ThyssenKrupp Materials NA
2821 Langstaff Rd
Concord, Ontario L4K 5C6
Canada

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO: 29581/M133053

MATERIAL: H6061T6 DATE: 15/08/31

THICKNESS ORDERED: R. 625
THICKNESS RECEIVED: R. 625
SHEET SIZE ORDERED:
SHEET SIZE RECEIVED:

MATERIAL CERT REC'D: 420
QUANTITY RECEIVED: 12'
QUANTITY INSPECTED: 12'
QUANTITY REJECTED:

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	
PHOTO REQUIRED	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.				
RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

OC 18 INSPECTION ENGINEERING SIGNOFF (if required)

INSPECTED BY: 14 9.59
DATE: 15/08/31

SIGNED OFF BY: _____
DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO.: 29581/M133053

THICKNESS ORDERED: R. 750
 THICKNESS RECEIVED: R. 750
 SHEET SIZE ORDERED:
 SHEET SIZE RECEIVED:

MATERIAL: M303
 DATE: 15/08/31

MATERIAL CERT REC'D: yea
 QUANTITY RECEIVED: 120'
 QUANTITY INSPECTED: 120'
 QUANTITY REJECTED:

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y	
CORRECT FINISH	Y	
CORROSION	Y	
CORRECT GRAIN DIRECTION	Y	
CORRECT MATERIAL	Y	
CORRECT THICKNESS	Y	
PHOTO REQUIRED	Y	
CORRECT MATERIAL	Y	
CORRECT REF # TO LINK CERT	Y	
CORRECT MATERIAL IDENTIFICATION	Y	
CORRECT M# ON THE MATERIAL	Y	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

QC 18 INSPECTION ENGINEERING SIGNOFF (if required)

INSPECTED BY: 14 8-89
 DATE: 15/08/31
 SIGNED OFF BY:
 DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO: 29581/H133053

MATERIAL: M303
DATE: 15/08/31

THICKNESS ORDERED: R.625
THICKNESS RECEIVED: R.625
SHEET SIZE ORDERED:
SHEET SIZE RECEIVED:

MATERIAL CERT REC'D: 40
QUANTITY RECEIVED: 12'
QUANTITY INSPECTED: 12'
QUANTITY REJECTED:

DESCRIPTION	NCR (Check Y/N)	COMMENTS
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SURFACE DAMAGE	Y	
CORRECT FINISH	Y	
CORROSION	Y	
CORRECT GRAIN DIRECTION	Y	
CORRECT MATERIAL	Y	
CORRECT THICKNESS	Y	
PHOTO REQUIRED	Y	
CORRECT MATERIAL	Y	
CORRECT REF # TO LINK CERT	Y	
CORRECT MATERIAL IDENTIFICATION	Y	
CORRECT M# ON THE MATERIAL	Y	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.				
RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

QC 18 INSPECTION ENGINEERING SIGNOFF (if required)

INSPECTED BY: DAS 14 9-89

DATE: 15/08/31

SIGNED OFF BY: _____

DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in